Indoor modulators

MOD Series

Indoor modulator that allows you to convert any composite AV source directly to digital DVB-T or DVB-C. It converts composite Analogue signals (PAL, NTSC or SECAM) from Video Cameras, Security Cameras, DVD players and set top boxes into COFDM or PAL. The full standard modulator is compact, easy to maintain and simple to install. Extra functionality provides excellent compatibility with all digital TVs. Plug and play setup or create your own channel name , Logical Channel Number and RF output.

▶ **MOD-...**

Item		MOD-COFDM	MOD-DVB-T/C
Code		280006	280008
Inputs	1	3 RCA Cinch (video / stereo audio)	
	2	F female MIX	
INPUT 1 RCA			
Base-band video input level (Yellow)	Vpp	0.7 – 1.5	
Video standard supported		PAL, NTSC, SECAM	
Impedance	Ohm	75	
Audio input level (white=Left, Red=Right)	Vpp	0.1 - 4	
Impedance	Kohm	> 10	
Audio level Adjustment	dB	-6 to +34 (in respect to 1Vp nom.) or ALC	
INPUT SIGNAL PROCESSING			
Minimum video data rate	Mbit/sec	8 (or less w/ lower data rate DVB-T configuration)	
Audio data rate	Kb/sec	256	
Audio sampling rate	KHz	32, 44.1 ,48 selectable	
Audio mode		Stereo or mono	
Country of Installation		Europe, UK, France, Australia, other countries	
Channel name		Selectable thr. TPE (14 Char. max.)	
LCN number		From 1 to 999 (100 default)	
Video aspect ratio		4:3 , 16:9, AUTO (detected from input signal)	
OUTPUT 1			
COFDM standard		DVB-T	DVB-T/ DVB-C
Output channel bandwith	MHz	7 / 8	
Carriers number	No.	8K	
Carrier modulation		QPSK , 16QAM, 64QAM Selectable	
FEC		1/2, 2/3, 3/4, 5/6, 7/8	
Guard interval		1/4, 1/8,1/16,1/32	
Output frequency range	MHz	111-300,470,862	
Output frequency accuracy	KHz	±20	
Output level	dBuV	60 ÷ 90, adjustable in 1dB steps	
Output MER	dB	>33	
Symbol rate QAM			1-6.999 Msym/s
Carrier modulation QAM			16QAM, 32QAM, 64QAM, 128QAM, 256QAM
MAIN FEATURES			
Mains	Vac/Hz	220-240, 50-60	
Power consumption	W	Typical 7.5	
Connectors type		RCA: video/audio in. F female: RF mix/output	
Operating temperature		-10 to +55	
IP protection		IP20	
Basic setup mode		4digit display and 3 keys	
Advanced setup mode		TPE	
Compliant with		EN60065: 2004-06, EN50083-2: 2002-05	